

4. (currently amended) The automatically adjustable rear suspension for a trike of claim 3 further comprising a gas shock absorber attached at one extreme to said trike frame and at an opposite extreme to said trike swing arm.

5. (currently amended) The automatically adjustable rear suspension for a trike of claim 4 wherein said supply of pressurized gas comprises an air compressor.

6. (currently amended) The automatically adjustable rear suspension for a trike of claim 5 wherein said supply of pressurized gas comprises an accumulator pneumatically connected to said compressor.

7. (currently amended) The automatically adjustable rear suspension for a trike of claim 6 wherein said accumulator is pneumatically connected to said valve by means of a valve supply line, and wherein said valve is connected to said at least one air spring by means of an air spring supply line.

8. (currently amended) An automatically adjustable rear suspension for a trike comprising a supply of pressurized gas pneumatically connected to a valve, two air springs pneumatically connected to said valve, each said air spring being disposed between a trike swing arm and a trike frame, said trike swing arm being pivotably attached to a motorcycle frame at a pivot point, said trike frame being rigidly attached to said motorcycle frame, said valve being mechanically attached to said swing arm by means of a valve pushrod.

9. (currently amended) An automatically adjustable rear suspension for a trike comprising a supply of pressurized gas pneumatically connected to a valve, two air springs pneumatically connected to said valve, each said air spring being disposed between a trike swing arm and a trike frame, said trike swing arm being pivotably attached to a motorcycle frame at a pivot point, said trike frame being rigidly attached to said motorcycle frame, said valve being mechanically attached to said swing arm by means of a valve pushrod, said trike swing arm comprising two L arms, each said L arm comprising an L arm horizontal member rigidly attached to an L arm vertical member, each said air spring being disposed between one said L arm horizontal member and said trike frame.

10. (currently amended) The automatically adjustable rear suspension for a trike of claim 9 wherein said trike swing arm further comprises an axle, said valve pushrod mechanically connecting said axle and said valve.

11. (currently amended) The automatically adjustable rear suspension for a trike of claim 10 further comprising a gas shock absorber attached at one extreme to said trike frame and at an opposite extreme to said trike swing arm.

12. (currently amended) The automatically adjustable rear suspension for a trike of claim 11 wherein said supply of pressurized gas comprises an air compressor.

13. (currently amended) The automatically adjustable rear suspension for a trike of claim 12 wherein said supply of pressurized gas comprises an accumulator pneumatically connected to said compressor.

14. (currently amended) The automatically adjustable rear suspension for a trike of claim 13 wherein said accumulator is pneumatically connected to said valve by means of a valve supply line, and wherein said valve is connected to said at least one air spring by means of an air spring supply line.

15. (currently amended) A motorized tricycle comprising an automatically adjustable rear suspension for a trike, said automatically adjustable rear suspension for a trike comprising a supply of pressurized gas pneumatically connected to a valve, two air springs pneumatically connected to said valve, each said air spring being disposed between a trike swing arm and a trike frame, said trike swing arm being pivotably attached to a motorcycle frame at a pivot point, said trike frame being rigidly attached to said motorcycle frame, said valve being mechanically attached to said swing arm by means of a valve pushrod.

16. (currently amended) A motorized tricycle comprising an automatically adjustable rear suspension for a trike, said automatically adjustable rear suspension for a trike comprising a supply of pressurized gas pneumatically connected to a valve, two air springs pneumatically connected to said valve, each said air spring being disposed between a trike swing arm and a trike frame, said trike swing arm being pivotably attached to a motorcycle frame at a pivot point, said trike frame being rigidly attached to said motorcycle frame, said valve being mechanically

attached to said swing arm by means of a valve pushrod, said trike swing arm comprising two L arms, each said L arm comprising an L arm horizontal member rigidly attached to an L arm vertical member, each said air spring being disposed between one said L arm horizontal member and said trike frame.

17. (currently amended) The motorized tricycle comprising automatically adjustable rear suspension for a trike of claim 16 wherein said trike swing arm further comprises an axle, said valve pushrod mechanically connecting said axle and said valve.

18. (currently amended) The motorized tricycle comprising automatically adjustable rear suspension for a trike of claim 17 further comprising a gas shock absorber attached at one extreme to said trike frame and at an opposite extreme to said trike swing arm.

19. (currently amended) The motorized tricycle comprising automatically adjustable rear suspension for a trike of claim 18 wherein said supply of pressurized gas comprises an air compressor electrically connected to a motorized tricycle electrical system.

20. (currently amended) The motorized tricycle comprising automatically adjustable rear suspension for a trike of claim 19 wherein said supply of pressurized gas comprises an accumulator pneumatically connected to said compressor.